

Fig. 1

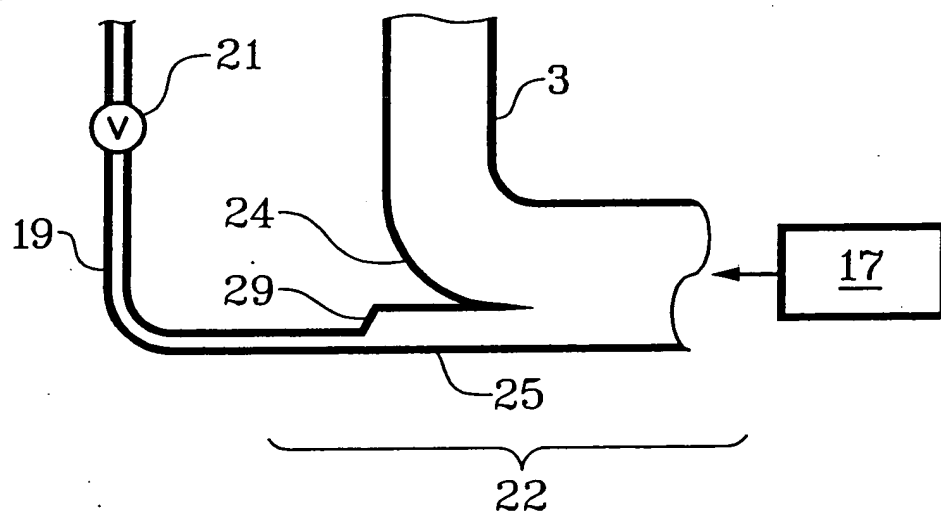
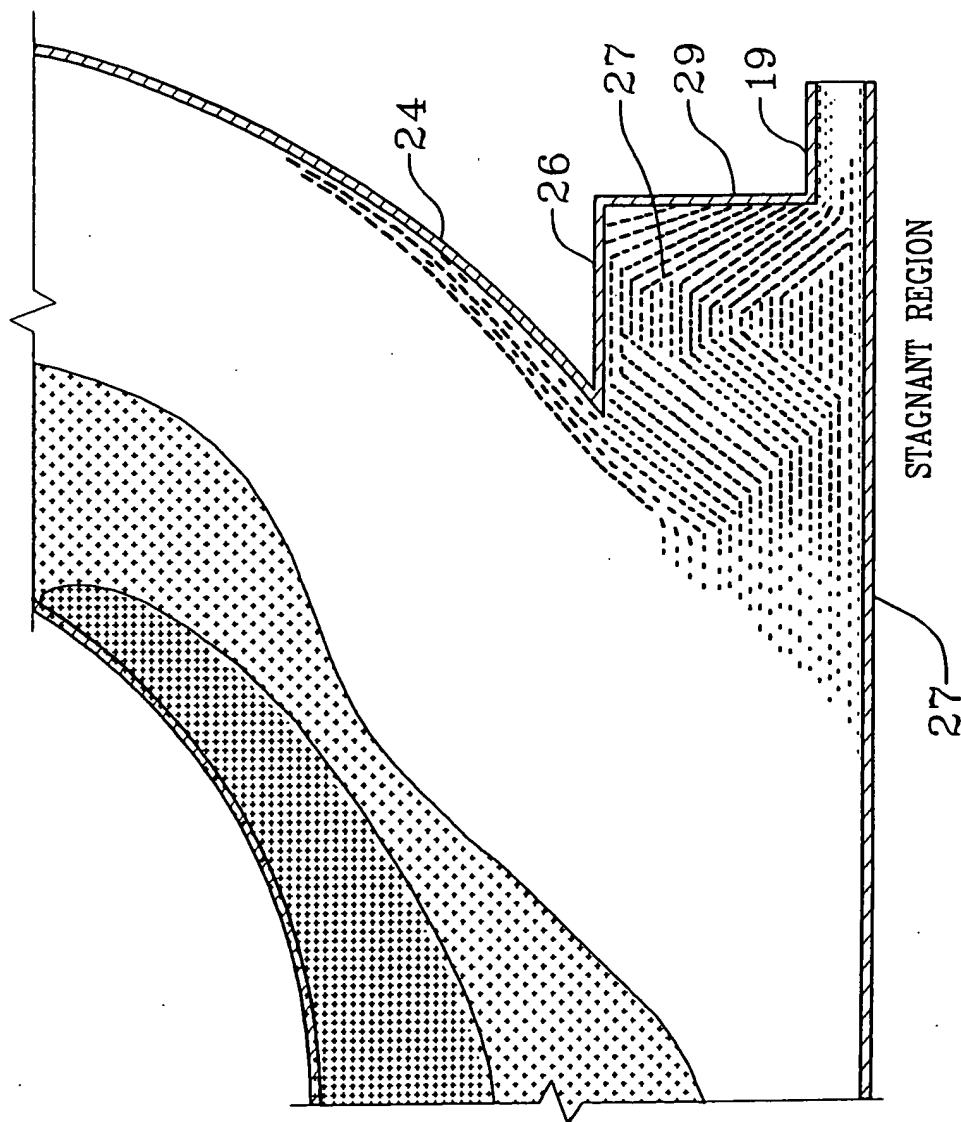
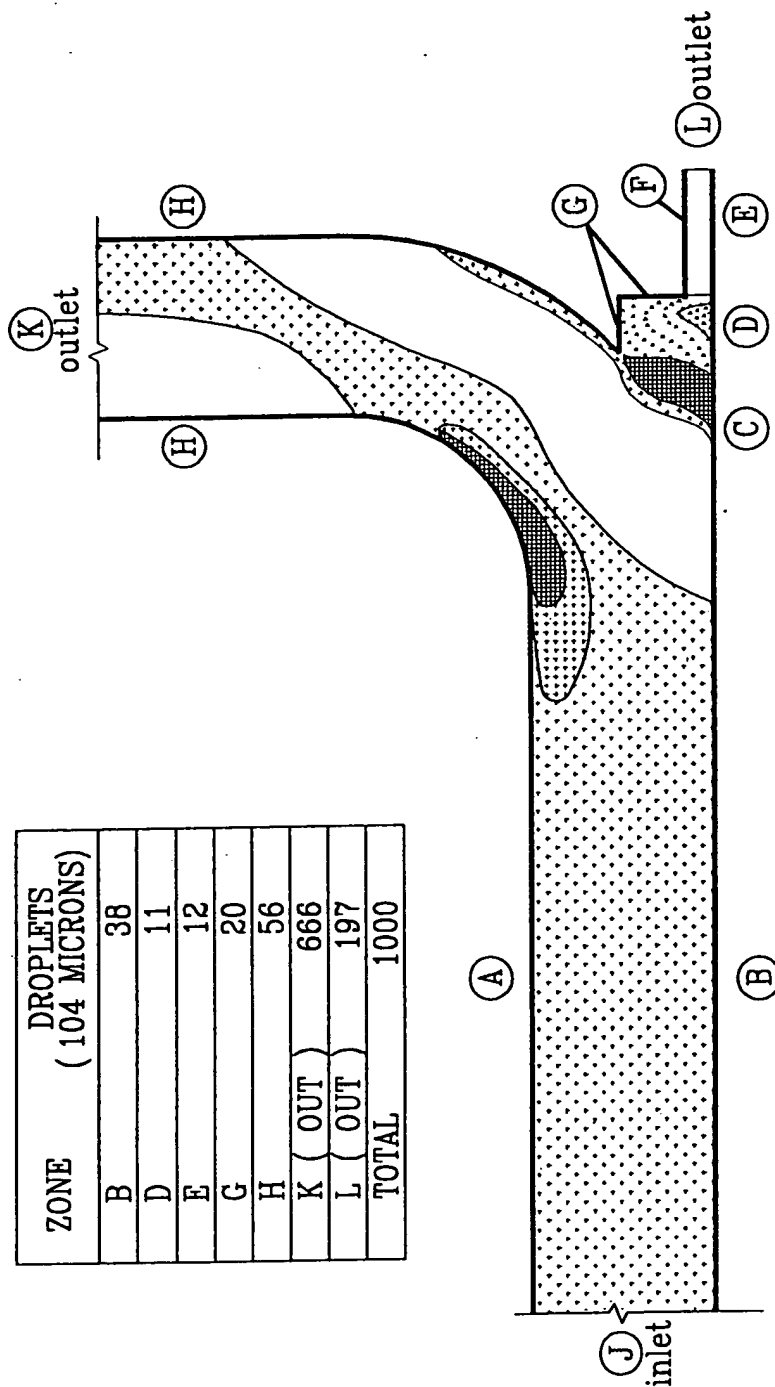


Fig. 2



POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
ZOOMED VIEW ILLUSTRATING STAGNANT REGION AT PIPE BOTTOM

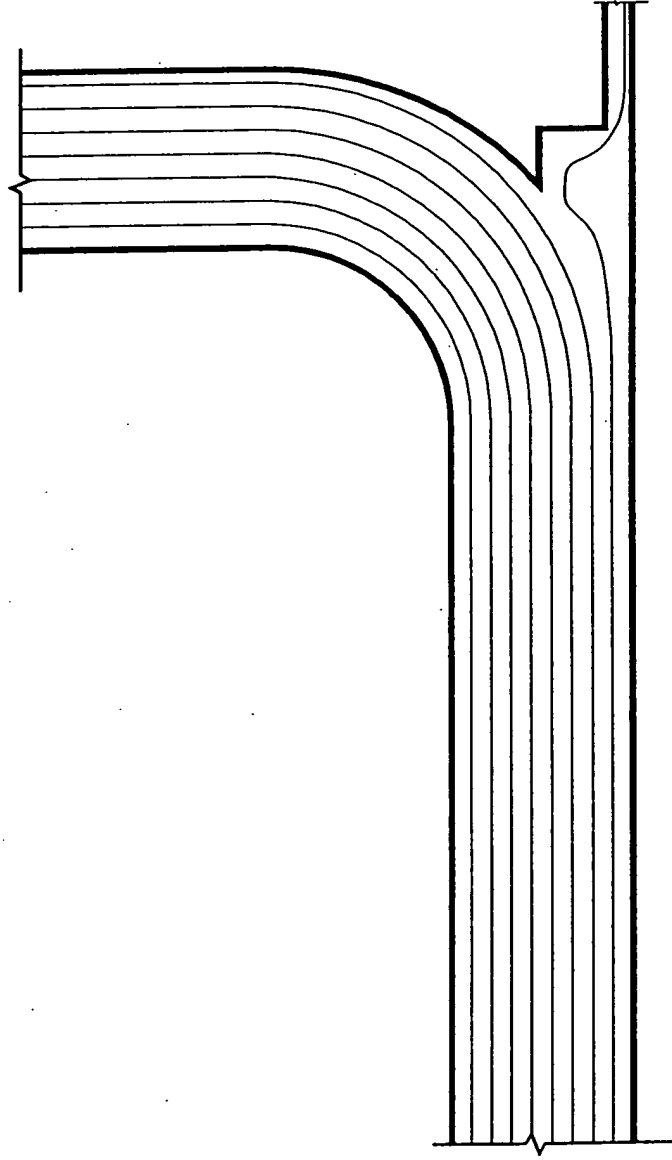
Fig. 3



POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
WITH 104 Micron LIQUID DROPLET DISTRIBUTION DATA

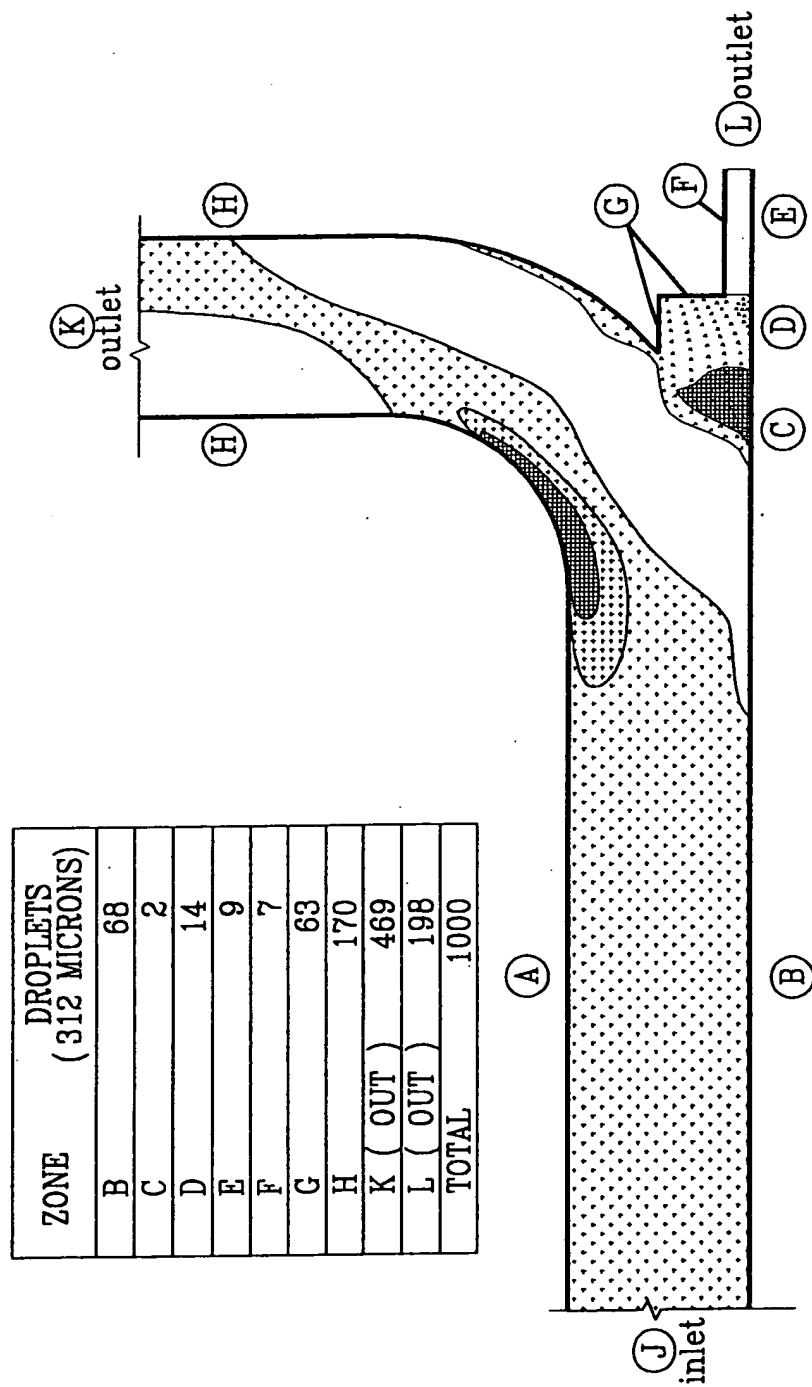
Fig. 4

TD5020" E422260



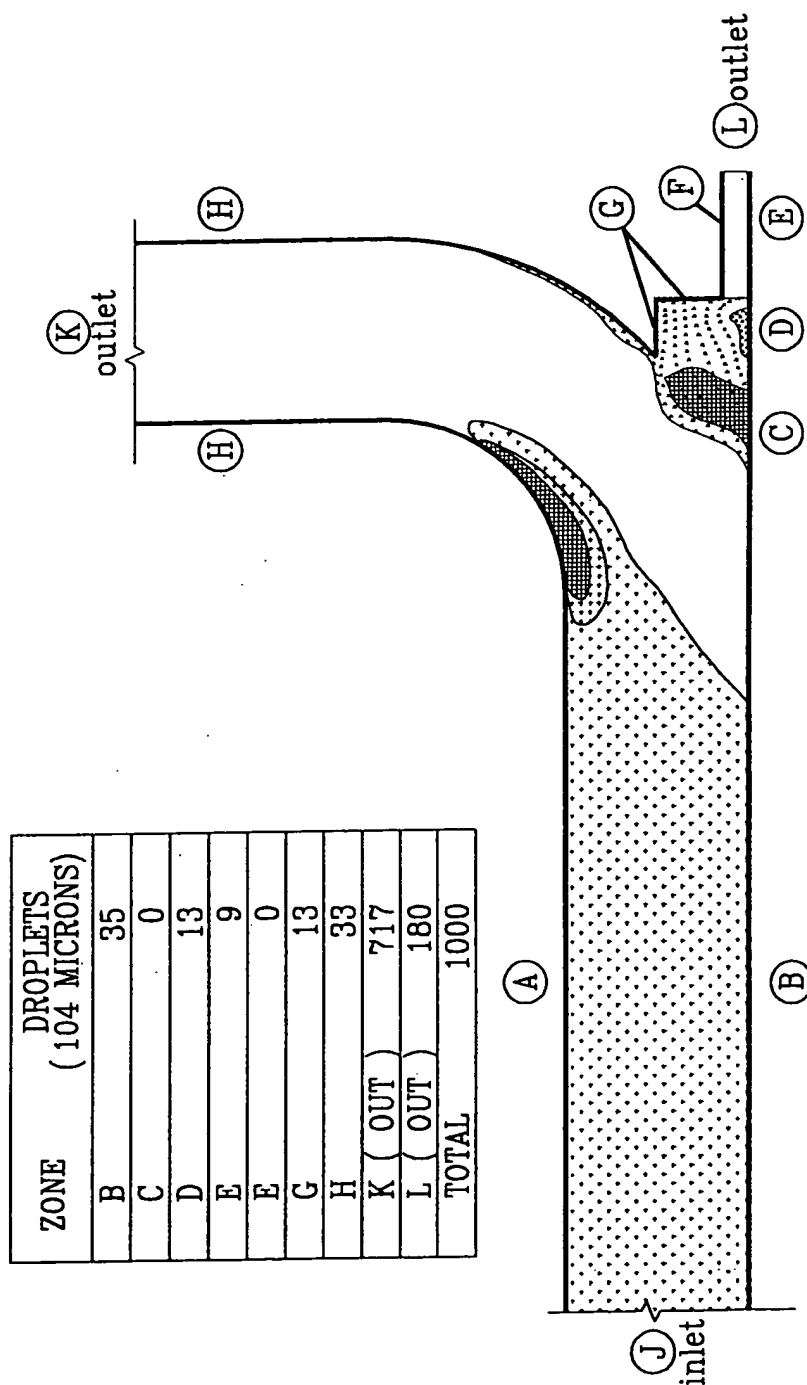
TYPICAL 10 DROPLET TRAJECTORY WITH 35 ft/sec INLET
WITH LIQUID DROPLET DISTRIBUTION DATA

Fig. 5



POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 55 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

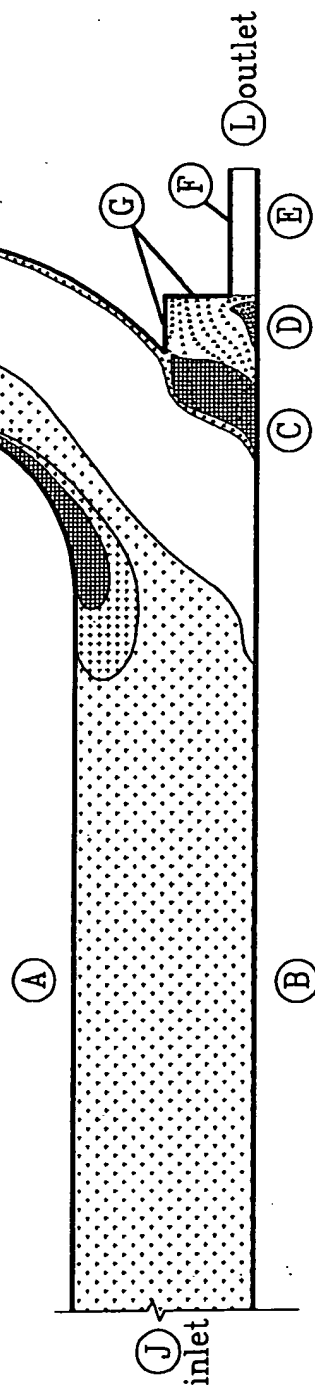
Fig.6



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 25 ft/sec INLET
WITH 104 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig. 7

ZONE	DROPLETS (312 MICRONS)
B	71
C	2
D	14
E	11
F	3
G	21
H	77
K (OUT)	610
L (OUT)	186
TOTAL	1000



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig.8

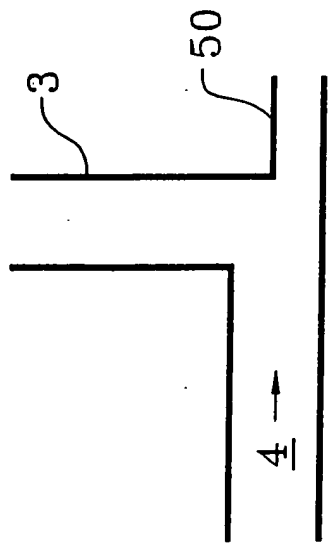


Fig. 9

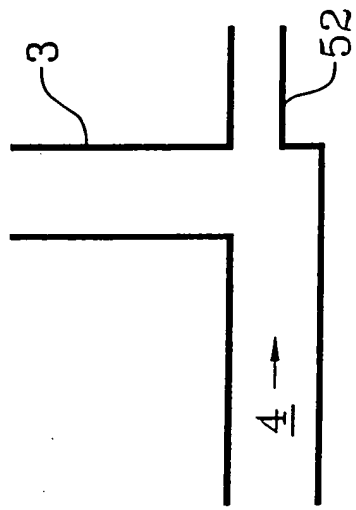


Fig. 10

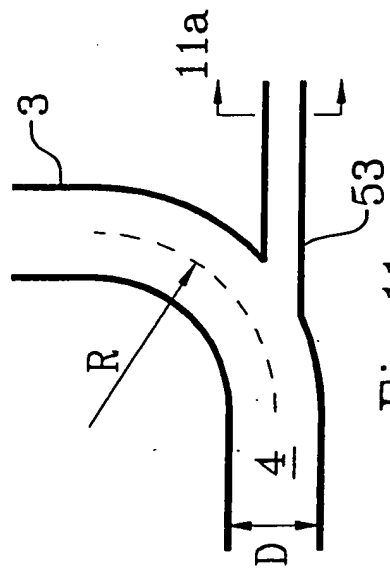


Fig. 11



Fig. 11a

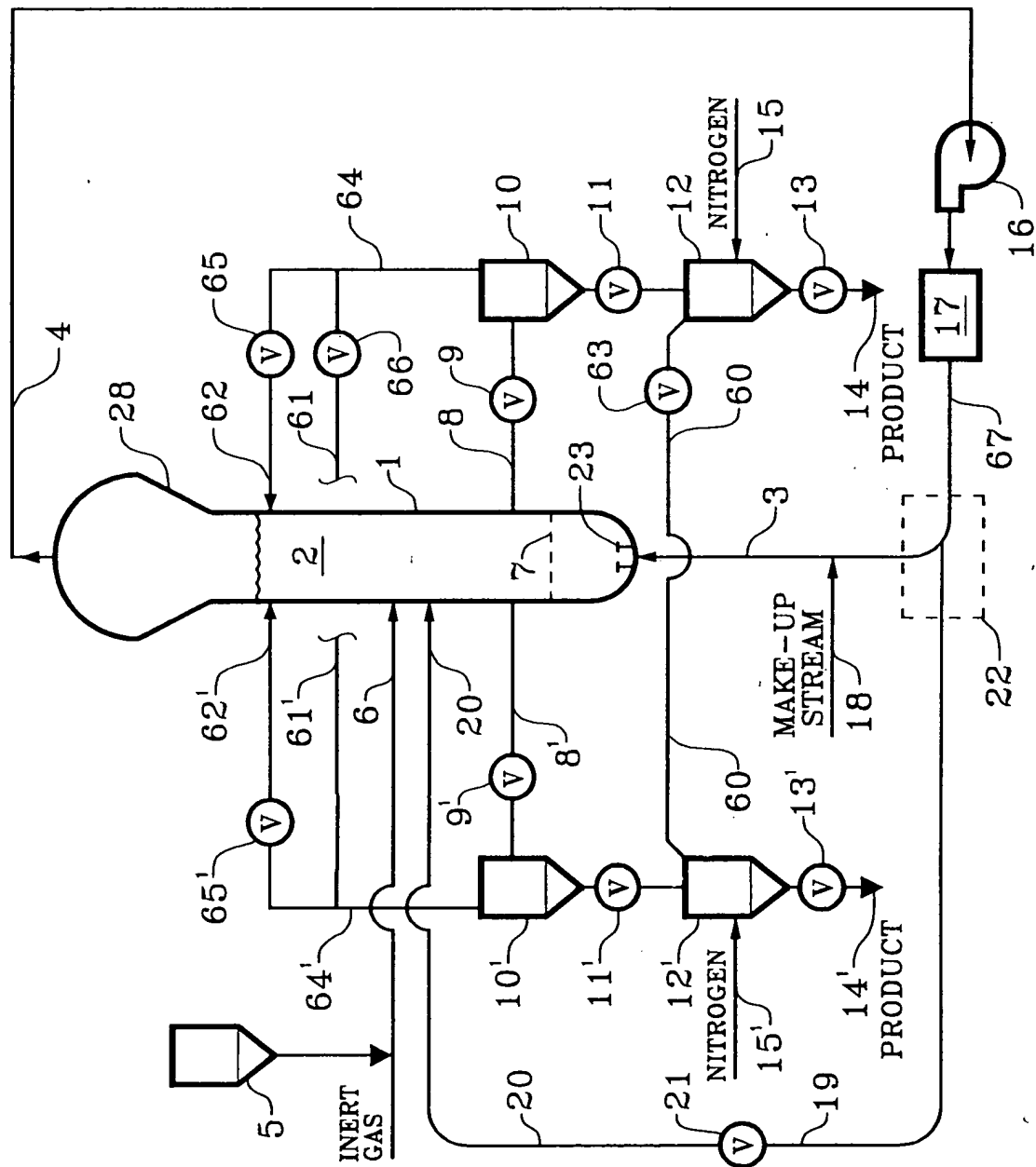
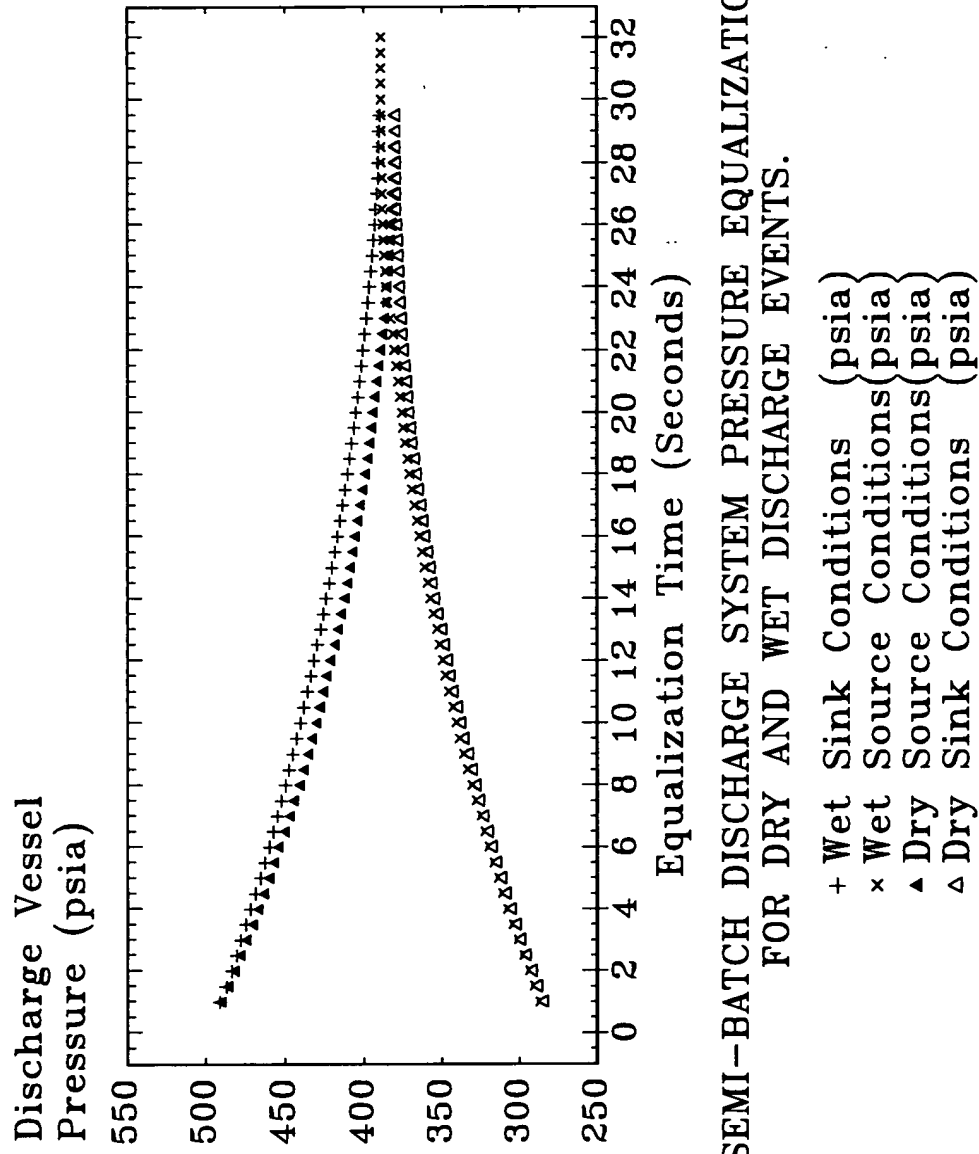


Fig.12



SEMI-BATCH DISCHARGE SYSTEM PRESSURE EQUALIZATION
FOR DRY AND WET DISCHARGE EVENTS.

Fig. 13